

IBSP Average Questions and Answers for Banking Pdf

1. The total marks obtained by a student in Physics, Chemistry and Mathematics together is 120 more than the marks obtained by him in Physics, and Mathematics together?

- a. 40
- b. 60
- c. 120
- d. Cannot be determined

Ans: B

$$P + C + M = C + 120 \Rightarrow P + M = 120.$$

$$\therefore \text{Required average} = \frac{P + M}{2} = \frac{120}{2} = 60.$$

2. The monthly incomes of five persons are Rs.1132, Rs.1140, Rs.1144, Rs.1136 and Rs.1148 respectively. What is their arithmetic mean?

- a. Rs. 1100
- b. Rs. 1120
- c. Rs. 1132
- d. Rs. 1140

Ans: D

$$\begin{aligned} \text{Arithmetic mean} &= ₹ \left(\frac{1132 + 1140 + 1144 + 1136 + 1148}{5} \right) \\ &= ₹ \left(\frac{5700}{5} \right) = ₹ 1140. \end{aligned}$$

3. Find the average of all the numbers between 6 and 34 which are divisible by 5.

- a. 18
- b. 20
- c. 24
- d. 30

Ans: B

Numbers between 6 and 34, which are divisible by 5 are 10, 15, 20, 25 and 30.

$$\therefore \text{Average of above numbers} = \frac{10 + 15 + 20 + 25 + 30}{5} = \frac{100}{5} = 20$$

4. Out of 10 teachers of a school, one teacher retires and in place of him a new teacher 25 years old joins. As a result of it average age of the teachers reduces by 3 years. Age of the retired teacher (in years) is

- a. 55
- b. 60
- c. 58
- d. 56

Ans: A

Total number of teachers = 10
Age of new teacher = 25 years
Age of the retired teacher
= $(25 + 3 \times 10)$ years
= 55 years

5. The average of the first nine prime numbers is

(a) 9

(b) 11

(c) $11\frac{1}{9}$

(d) $11\frac{2}{9}$

Ans: C

$$\begin{aligned} \text{Average} &= \left(\frac{2 + 3 + 5 + 7 + 11 + 13 + 17 + 19 + 23}{9} \right) \\ &= \frac{100}{9} = 11\frac{1}{9} \end{aligned}$$